

## Target Handoff System Experimental THS(X)

**Purpose:** THS (X) provides a universal combined arms targeting software that enables precision target location and digital mission hand off to fire support agencies.

**Background:** The Lab has been in support of Marine Corps Systems Command's (MCSC) Target Location Digital Handoff System (TLDHS) Program Manager in developing a material solution to the TLDHS Operational Requirements Document (ORD). The best components of three Lab efforts; the Advanced Close Air Support System (ACASS), Universal Combined Arms Targeting System (UCATS) and Precision Target Acquisition Mobile (PTAM) have been combined into one effort—THS (X). In June 2002, the Lab and MCSC established a technology transition agreement to transition THS (X) software into the TLDHS program.

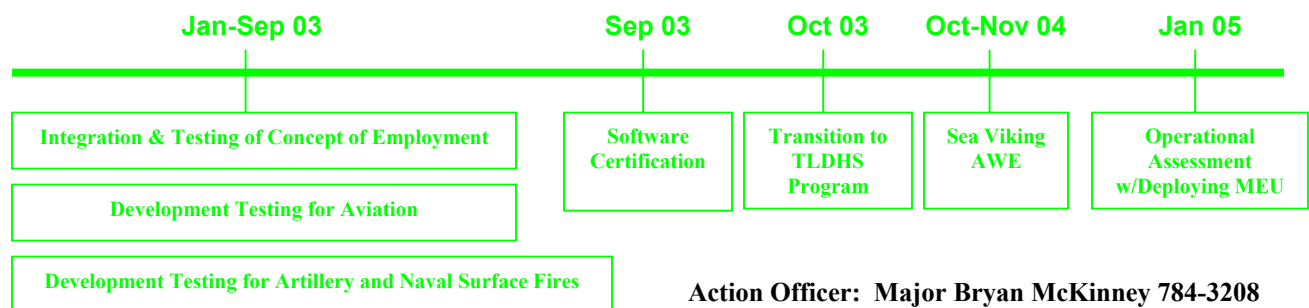


**Description:** THS (X) is comprised of the following components:

- Ruggedized handheld computer with imbedded GPS, laser range finder, and MBITR radio with the ability to process lased target as a fire mission for ground, air, and naval surface fires simultaneously or separately and then pass that fire mission digitally to the firing agencies/aircraft.
- Simplified & intuitive Graphical User's Interface to ensure faster response/training.
- Scalable color map display with GPS centering for advanced situational awareness/mission execution/safety planning.
- Integration of Tactical COE client (C2PC) and Joint Multi-User Protocols.
- Develop Precision Fire Control Interoperability in support of Family of Interoperable Pictures (FIOP) architecture & philosophy.

**Deliverable Product(s):** Software that meets TLDHS acquisition plan Block III requirement.

**Milestones:**



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